

SESSION 2.5

2070 and RELATED SOFTWARE PRODUCTS NAZTEC, INC.

- INTERSECTION SIGNAL CONTROL
- STREETWISE ATMS
- PALM PILOT™ INTERFACE
- 2070 TEST BOX and SIMTRAFFIC™
 - SUITCASE TESTER
 - HARDWARE-IN-THE-LOOP SIMULATION

CLYDE NEEL



2070/NTCIP CONTROLLER FEATURES

- 16 PHASES / 16 OVERLAPS / 4 RINGS
- NTCIP OVER ETHERNET AND SERIAL
- DYNAMIC (VARIABLE) MAX TIMES
- TWICE-PER-CYCLE LEFT TURNS
- OVERLAP DISABLE BY PLAN
- SUPPRESS OVERLAPS BY PHASE OR OVERLAP
- VOLUME AND OCCUPANCY-ON-GREEN MOE's
- NTCIP & ENHANCED COORDINATION MODES (FIXED/FLOATING FORCE OFFS)
- CIC ADAPTIVE SPLIT ALGORITHM PROVIDES ENHANCED TRAFFIC RESPONSIVE, OR ADAPTIVE LEVEL CONTROL
- RECOVER COORDINATION WHEN PED CALLS OVERRUN THE SPLIT FORCE OFF
- COME OUT OF PREEMPTION IN COORDINATION
- 10 DEFINABLE PREEMPTION CHANNELS



STREETWISE ATMS: MOST POPULAR TOOLS

- **PALM PILOT™ UPLOAD/DOWNLOAD TO CONTROLLER**
- **PAGER AND E-MAIL NOTIFICATION OF SELECTED ALARMS**
- **REAL-TIME SPLIT MONITORING & TIME-SPACE DIAGRAMS**
- **Synchro™ AND SimTraffic™ TIME-SAVING INTERFACE**
- **INCIDENT MANAGER & TRAVEL ADVISORIES**
- **INTERNET/WWV/GPS TIME REFERENCE INTERFACE**
- **THIRD PARTY API FOR LOCAL AGENCY APPLICATIONS**
- **CMS AND CAMERA CONTROL**
- **MULTIPLE DETECTOR MINING GRAPHS & REPORTS**



Palm Pilot™ INTERFACE



- **UPLOAD/DOWNLOAD DATABASE TO FIELD CONTROLLERS**
- **SYNCHRONIZE REAL-TIME CLOCKS**
- **HotSync™ WITH StreetWise TO MAINTAIN LATEST DATABASE**
- **LESS TIME AND RISK IN FIELD THAN USE OF NOTEBOOK COMPUTERS**
- **EASE OF USE FOR FIELD ENGINEERS**



Naztec 2070/TS-2 and SimTraffic™ CI



- **INDIVIDUAL VEHICLE CALLS FROM SimTraffic™ EXERCISE THE DETECTOR INPUTS IN THE CONTROLLER, ALLOWING THE USER TO STUDY THE EFFECT OF TIMING PLAN STRATEGIES CLOSER TO REAL-WORLD CONDITIONS.**